

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	((YUTAKA) near2 (SAEKI)).INV.	US-PGPUB; USPAT	OR	ON	2008/12/02 14:03
L3	0	11-355607	US-PGPUB; USPAT	OR	ON	2008/12/02 14:39
L4	0	11-355607	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:39
L5	0	10-165352	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:40
L6	0	apple and solr and touch	US-PGPUB; USPAT	OR	ON	2008/12/02 16:57
L7	204	apple and solar and touch	US-PGPUB; USPAT	OR	ON	2008/12/02 16:57
L8	40	apple and solar and touch and pob	US-PGPUB; USPAT	OR	ON	2008/12/02 16:57
L9	28	apple and solar and touch and pob and lod	US-PGPUB; USPAT	OR	ON	2008/12/02 16:57
L10	2395	345/76.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/02 18:42
L13	13	("20010013758"   "20010028060"   "20040070558"   "5157525"   "5216504"   "5903246"   "5910792"   "6320325"   "6424326"   "6501230"   "6710548"   "6720942"   "6836260").PN. OR ("7215307").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:42
L14	35	("3982063"   "4694225"   "5103145"   "5194780"   "5262698"   "5357172"   "5428370"   "5459480"   "5600345"   "5625373"   "5708451").PN. OR ("5910792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:43
L16	11	("4032818"   "4525653"   "4996523").PN. OR ("6177767").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:43
L17	6738	reference near1 resistor	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:43
L18	554	reference near1 resistor same directly	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:43

## EAST Search History

L19	223	reference near1 resistor same directly and balanc\$\$	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:43
L20	223	reference near1 resistor same directly and balanc\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 18:43
S1	10	((YUTAKA) near2 (SAEKI)).INV.	US-PGPUB; USPAT	OR	ON	2007/11/26 08:50
S2	2218	345/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 09:37
S3	1815	345/76.ccls. and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 09:37
S4	12	345/76.ccls. and current and (reference near1 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 09:40
S5	620	345/76.ccls. and current and (source near1 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:24
S6	172	345/76.ccls. and current and (reference near1 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 09:41
S7	16	345/76.ccls. and current and (source near1 current) and (adjust\$5 near3 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 09:43
S8	1	10/768668	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:34

## EAST Search History

S9	231915	short near1 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:24
S10	151	S9 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:24
S11	62	345/76.ccls. and current and (source near1 current) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:24
S12	4	345/76.ccls. and current and (source near1 current) and S10 and ((vari\$4 or adjust\$5) near2 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:26
S13	11333	voltage near1 follower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:34
S14	686	voltage near1 follower and ("345"/\$5.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:34
S15	560	voltage near1 follower and ("345"/\$5.ccls.) and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:35
S16	166	voltage near1 follower and ("345"/\$5.ccls.) and current and (second near3 amplifier\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:35

## EAST Search History

S17	124	voltage near1 follower and ("345"/\$5.ccls.) and current and (second near3 amplifier\$4) and (operational near1 amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 10:36
S18	124	voltage near1 follower and ("345"/\$5.ccls.) and current and (second near3 amplifier\$4) and (operational near1 amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 13:06
S19	5	("5867141"   "5995072").PN. OR ("6160534").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 12:36
S20	27206	reference near1 current	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 12:36
S21	808	S20 and "345"/\$6.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 12:36
S22	28	S20 and "345"/\$6.ccls. and (reference near1 resistor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 12:38
S23	4	((("20020158862") or ("5680149"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/28 12:39
S24	32	("3982063"   "4694225"   "5103145"   "5194780"   "5262698"   "5357172"   "5428370"   "5459480"   "5600345"   "5625373"   "5708451").PN. OR ("5910792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 13:00
S25	124	voltage near1 follower and ("345"/\$5.ccls.) and current and (second near3 amplifier\$4) and (operational near1 amplifier) and (voltage near1 follow\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 13:07
S26	124	(voltage near1 follower) and ("345"/\$5.ccls.) and current and (second near3 amplifier\$4) and (operational near1 amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 13:10

## EAST Search History

S27	3	(voltage near1 follower) and ("345"/\$5. ccls.) and current and (second near3 amplifier\$4) and (operational near1 amplifier) and (reference near1 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 13:17
S28	19	(voltage near1 follower) and ("345"/\$5. ccls.) and current and (second near3 amplifier\$4) and (operational near1 amplifier) and (gamma near1 correct\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:18
S29	38	"current adjustment resistor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:19
S30	4	("3924143"   "4127783"   "6448844"   "6452453").PN. OR ("6791397").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 14:26
S31	0	"10768668"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 10:56
S32	1	"10/768668"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 10:56
S33	10	((YUTAKA) near2 (SAEKI)).INV.	US-PGPUB; USPAT	OR	ON	2008/03/06 09:05
S34	0	11-355607	US-PGPUB; USPAT	OR	ON	2008/03/06 09:05
S35	0	11-355607	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:06
S36	2990	tanaka near1 akira	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:06

## EAST Search History

S37	0	tanaka near1 akira and (voltage near3 current near2 coversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:08
S38	2323	345/76.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:10
S39	36574	reference near1 current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:11
S40	11338	op\$1amp\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:11
S41	940	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:13
S42	120	S39 and S40 and (second near1 reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:12
S43	15	S39 and S40 and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 09:13
S44	3	("5250937"   "5404150").PN. OR ("6118423").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:15

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S45	55	("4562478"   "4684939"   "4808990"   "5034734"   "5061920"   "5066945"   "5109219").PN. OR ("5250937").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:24
S46	350	current\$1drive	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:24
S47	0	current\$1drive14 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:24
S48	11	S46 same S39	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:26
S49	46	current\$1drive and S39	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:24
S50	4	((("6501449") or ("20030151374")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 09:27
S51	20	("4257003"   "4587463"   "5093654"   "5479425"   "5633651"   "5724519"   "5761230"   "5812102"   "5966110"   "6097302"   "6097360"   "6316879"   "6400349").PN. OR ("6501449").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:28
S52	16	("20010024186"   "5668569"   "5903246"   "6020864"   "6177767"   "6222357"   "6229508"   "6291942"   "6326938"   "6332661"   "6373454"   "6433488"   "6498592"   "6501449"   "6518962").PN. OR ("6972742").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 09:30
S53	16	("4158786"   "4668875"   "5130703"   "5250937"   "5343221"   "5646643"   "5650801"   "5734379"   "5781001").PN. OR ("6188395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 10:26
S54	2	2001-387240	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 10:26
S55	7	2003-187988	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 10:52

## EAST Search History

S56	16	("4158786"   "4668875"   "5130703"   "5250937"   "5343221"   "5646643"   "5650801"   "5734379"   "5781001").PN. OR ("6188395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:00
S57	1	"20030001808"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:00
S58	0	"10064260"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:01
S59	2	"10/064260"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:01
S60	1	"7123234"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:01
S61	1	"10318022"	US-PGPUB; USPAT	OR	ON	2008/03/06 11:08
S62	6	("6107980"   "6175351"   "6331844"   "6509895"   "6590553"   "6639589").PN. OR ("7123234").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:13
S63	7	cascade same (current near1 source) same IC same resistor same compensat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:14
S64	2874	(current near1 source) same (second near1 operational amplif\$4) OP\$1AMP\$6)	US-PGPUB; USPAT	OR	ON	2008/03/06 11:23
S65	128	(current near1 source) same (second near1 operational amplif\$4) OP\$1AMP\$6) and Icd	US-PGPUB; USPAT	OR	ON	2008/03/06 11:24
S66	28	(current near1 source) same (second near1 operational amplif\$4) OP\$1AMP\$6) and Icd and (voltage near1 follower)	US-PGPUB; USPAT	OR	ON	2008/03/06 11:32
S67	1201	(current near1 source) same (voltage near1 follower)	US-PGPUB; USPAT	OR	ON	2008/03/06 11:32
S68	86	(current near1 source) same (voltage near1 follower) and Icd	US-PGPUB; USPAT	OR	ON	2008/03/06 11:32
S69	12	("20020149607"   "20020186231"   "20060049868"   "20060192695"   "6373478"   "6535189"   "6570560"   "6731259"   "6750839"   "6850085"   "6950045"   "7023458").PN. OR ("7250891").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:37
S70	4	("6342782"   "6501467").PN. OR ("6897716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 11:42
S71	120810	(current near1 source)	US-PGPUB; USPAT	OR	ON	2008/03/06 12:08
S72	20133	(current near1 source) and (op\$1amp operational near1 amplif\$5))	US-PGPUB; USPAT	OR	ON	2008/03/06 12:08



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S73	7574	(current near1 source) same (op\$1amp (operational near1 ampli\$5))	US-PGPUB; USPAT	OR	ON	2008/03/06 12:08
S74	332	(current near1 source) same (op\$1amp (operational near1 ampli\$5)) and lcd	US-PGPUB; USPAT	OR	ON	2008/03/06 12:09
S75	242	(current near1 source) same (op\$1amp (operational near1 ampli\$5)) and "345"/\$5. ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 12:09
S76	4	("6342782"   "6501467").PN. OR ("6897716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 12:23
S77	13	("20010024186"   "5668569"   "5903246"   "6020864"   "6177767"   "6222357"   "6229508"   "6291942"   "6326938"   "6332661"   "6373454"   "6498592"   "6501449").PN. OR ("6965360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 12:31
S78	13	("20010024186"   "5668569"   "5903246"   "6020864"   "6177767"   "6222357"   "6229508"   "6291942"   "6326938"   "6332661"   "6373454"   "6498592"   "6501449").PN. OR ("6965360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 13:28
S79	2	10/318022	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 13:29
S80	6	("6107980"   "6175351"   "6331844"   "6509895"   "6590553"   "6639589").PN. OR ("7123234").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:02
S81	6368	reference near1 resistor	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:10
S82	294	S81 and (lcd)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:03
S83	76104	S81 and (lcd) and (op near1 amp) (operational near1 amplifier) (op\$5amp\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:04
S84	76096	S81 same (lcd) same (op near1 amp) (operational near1 amplifier) (op\$5amp\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:04
S85	3	S81 same (lcd) same ((op near1 amp) (operational near1 amplifier) (op\$5amp\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:04
S86	16	("4158786"   "4668875"   "5130703"   "5250937"   "5343221"   "5646643"   "5650801"   "5734379"   "5781001").PN. OR ("6188395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:08
S87	82	(reference near1 resistor) and (reference near1 current) and op\$1amp	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:11

# EAST Search History

S88	34	("3982063"   "4694225"   "5103145"   "5194780"   "5262698"   "5357172"   "5428370"   "5459480"   "5600345"   "5625373"   "5708451").PN. OR ("5910792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:14
S89	34	("3982063"   "4694225"   "5103145"   "5194780"   "5262698"   "5357172"   "5428370"   "5459480"   "5600345"   "5625373"   "5708451").PN. OR ("5910792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 14:40
S90	270	(second near1 (op\$1amp "operational amplifier")) and lod	US-PGPUB; USPAT	OR	ON	2008/03/06 15:40
S91	389	(second near1 (op\$1amp "operational amplifier")) and cascade	US-PGPUB; USPAT	OR	ON	2008/03/06 15:40
S92	0	(second near1 (op\$1amp "operational amplifier")) and cascade and 345/76.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 15:40
S93	8	(second near1 (op\$1amp "operational amplifier")) and cascade and "345"/\$5.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 15:59
S94	389	(second near1 (op\$1amp "operational amplifier")) and cascade	US-PGPUB; USPAT	OR	ON	2008/03/06 16:00
S95	14	(second near1 (op\$1amp "operational amplifier")) and cascade and (reference near1 resistor)	US-PGPUB; USPAT	OR	ON	2008/03/06 16:12
S96	7	"5789906"	US-PGPUB; USPAT	OR	ON	2008/03/06 16:22
S97	9339	compa\$4 and (operational amplifier) and lod	US-PGPUB; USPAT	OR	ON	2008/03/06 16:22
S98	162	compa\$4 same (operational amplifier) same lod	US-PGPUB; USPAT	OR	ON	2008/03/06 16:22
S99	2	compa\$4 same (operational amplifier) same lod and (reference near1 resistor)	US-PGPUB; USPAT	OR	ON	2008/03/06 16:23
S10 0	11	compa\$4 and (operational amplifier) same lod and (reference near1 resistor)	US-PGPUB; USPAT	OR	ON	2008/03/06 16:23
S10 1	13	("20010024186"   "5668569"   "5903246"   "6020864"   "6177767"   "6222357"   "6229508"   "6291942"   "6326938"   "6332661"   "6373454"   "6498592"   "6501449").PN. OR ("6965360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:47
S10 2	557	current near1 drive and reference near1 resistor	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:54
S10 3	7	((("6577180") or ("6559730") or ("6013958"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/15 18:02
S10 4	2	10/026466	US-PGPUB; USPAT	OR	ON	2008/04/15 18:02

## EAST Search History

S10 5	9	("5672993"   "5767698"   "5808508"   "6229376"   "6326836"   "6332661"   "6384638").PN. OR ("6882186").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 18:02
S10 6	1	"11157980"	US-PGPUB; USPAT	OR	ON	2008/04/15 18:21
S10 8	1	10/768668	US-PGPUB; USPAT	OR	ON	2008/04/17 15:32
S10 9	1	10/768668	US-PGPUB; USPAT	OR	ON	2008/11/13 12:36
S11 0	13	("20010024186"   "5668569"   "5903246"   "6020864"   "6177767"   "6222357"   "6229508"   "6291942"   "6326938"   "6332661"   "6373454"   "6498592"   "6501449").PN. OR ("6965360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/13 12:39